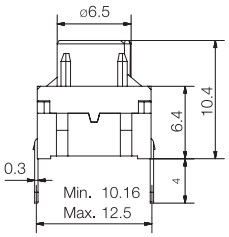
multimec®

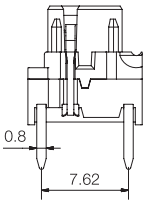
illumec™ 4F

Technical Data

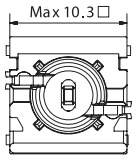
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
  high temp. switch; -40/+160°C
  LED: -30/+85°C

Dimensions (through-hole)



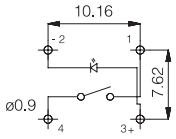


Top View

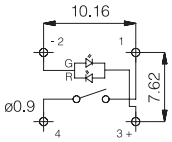


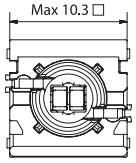
PCB layout and Circuit Diagram

1 LED

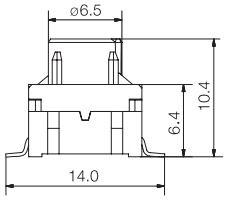


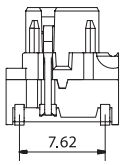
2 LEDS



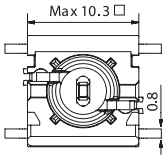


Dimensions (SMD)



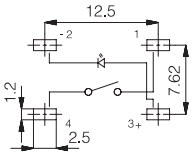


Top View

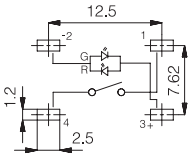


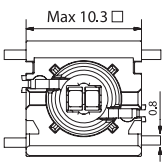
PCB layout and Circuit Diagram

1 LED



2 LEDS





Technical specifications for 4F switch and LEDs see pages 35 and 36

How to order

Switch	Mounting	LED	Illuminated Cap
4F	**SH9** surface mount **TH9** through-hole	**01** **22** **42** **61** **82** **2242** **8222** **8242**	**1D** **1K,1KB,1KC** **1N** **1S** **1T** **1U** **1V** **1WA,1WD,1WP** **1X**

Colour code

Illuminated Cap	Solid Colour	Illuminated Lens
1D	**11,16**	
1K,1KB,1KC	**11,16**	
1N	**10,12,14,16,18**	**1E Solid Colour + lens 1,2,4,6,8**
1S	**11**	**1F Solid Colour + lens 1,2,4,6,8**
1T	**16**	**1Q Solid Colour + lens 1,6**
1U	**16**	**1R Solid Colour + lens 1,6**
1V	**16**	
1WA,1WD,1WP	**16**	
1X	**11**	

Colour codes

LEDs	Illuminated Caps	Lenses
01 blue	**10** frosted blue	**1** transparent
22 green	**11** transparent	**2** green
42 yellow	**12** frosted green	**4** yellow
61 white	**14** frosted yellow	**6** frosted white
82 red	**16** frosted white	**8** red
2242 green/yellow	**18** frosted red	
8222 red/green		
8242 red/yellow		

Solid Colours

1E,1F	1Q,1R
00 blue	**00** blue
02 green	**03** grey
03 grey	**08** red
04 yellow	**09** black
06 white	
08 red	
09 black	

Dimensions

Caps	See Page
1D,1E,1F	**15**
1K,1KB,1KC	**16**
1N	**14**
1Q,1R	**18**
1S	**21**
1T,1U,1V	**19**
1WA,1WD,1WP	**17**
1X	**20**

Ordering example: 4FSH98242 + 1D11 or 4FTH922 + 1T16

For updates of products and/or changes of specifications please see **www.mec.dk**